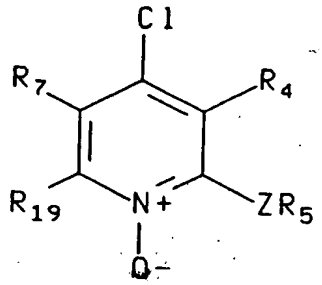
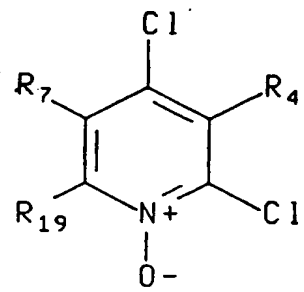
IN THE CLAIMS

Claim 1 (previously presented) A compound of the formula

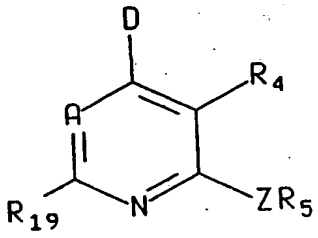


X

OR



XI



IV

wherein R_7 is hydrogen, methyl, fluoro, chloro, bromo, iodo, cyano, hydroxy, -$O(C_1$-C_4 alkyl), -$C(O)(C_1$-C_4 alkyl), -$C(O)O(C_1$-C_4 alkyl), -OCF_3, CF_3, -CH_2OH, -CH_2OCH_3 or -CH_2OCH_2CH;

D is chloro, hydroxy or cyano;

R_{19} is methyl or ethyl;

R_5 is phenyl or pyridyl and R_5 is substituted by two or three substituents independently selected from C_1-C_4 alkyl, chloro and bromo, except that no more than one such substituent can be bromo;

R_4 is hydrogen, C_1-C_4 hydrocarbyl, fluoro, chloro, bromo, iodo, C_1-C_4 alkoxy, trifluoromethoxy, -CH_2OCH_3, -$CH_2OCH_2CH_3$, -$CH_2CH_2OCH_3$,-CH_2OF_3, CF_3, amino, nitro, -$NH(C_1$-C_4 alkyl), -$N(CH_3)_2$, -$NHCOCH_3$, -$NHCONHCH_3$, -$SO_n(C_1$-C_4 alkyl) where n is 0, 1 or 2, cyano, hydroxy, -$CO(C_1$-C_4 alkyl), -CHO, cyano or -$COO(C_1$-C_4 alkyl) wherein said C_1-C_4

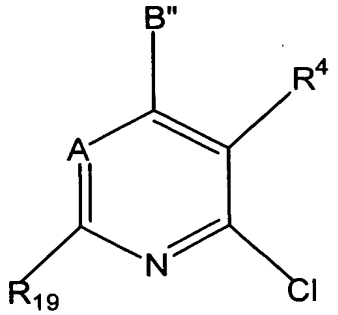
hydrocarbyl may optionally contain one double or triple bond and may optionally be substituted with one substituent selected from hydroxy, amino, $-NHCOCH_3$, $-NH(C_1-C_2$ alkyl), $-N(C_1-C_2$ alkyl)$_2$, $-COO(C_1-C_4$ alkyl), $-CO(C_1-C_4$ alkyl), C_1-C_3 alkoxy, C_1-C_3 thioalkyl, fluoro, chloro, cyano and nitro;

A is N, CH or CCH_3;

and Z is O, NH, $N(CH_3)$, S or CH_2, with the proviso that when A is CH or CCH_3, then Z must be O or S.

Claim 2 (currently amended) A compound according to claim 1 having the formula XI wherein R_7 is hydrogen or methyl and R_4 is hydrogen, ~~C_1-C_4 alkyl~~, C_1-C_4 hydrocarbyl, $-O(C_1-C_4$ alkyl), chloro or cyano.

Claim 3 (currently amended) A compound of the formula



wherein R_{19} is methyl or ethyl;

R_4 is hydrogen, C_1-C_4 hydrocarbyl, fluoro, chloro, bromo, iodo, C_1-C_4 alkoxy, trifluoromethoxy, $-CH_2OCH_3$, $-CH_2OCH_2CH_3$, $-CH_2OF_3$, CF_3, amino, nitro, $-NH(C_1-C_4$ alkyl), $-N(CH_3)_2$, $-NHCOCH_3$, $-NHCONHCH_3$, $-SO_n(C_1-C_4$ alkyl) where n is 0, 1 or 2, cyano, hydroxy, $-CO(C_1-C_4$ alkyl), -CHO, cyano or $-COO(C_1-C_4$ alkyl) wherein said C_1-C_4 hydrocarbyl may optionally contain one double or triple bond and may optionally be substituted with one substituent selected from hydroxy, amino, $-NHCOCH_3$, $-NH(C_1-C_2$ alkyl), $-N(C_1-C_2$ alkyl)$_2$, $-COO(C_1-C_4$ alkyl), $-CO(C_1-C_4$ alkyl), C_1-C_3 alkoxy, C_1-C_3 thioalkyl, fluoro, chloro, cyano and nitro;

A is N, CH or CCH_3

B" is $-NR_1R_2$, $-CR_1R_2R_{11}$, $-C(=CR_2R_{12})R_1$, $-NHCHR_1R_2$, $-OCHR_1R_2$,

-$SCHR_1R_2$, -CHR_2OR_{12}, -CHR_2SR_{12},-$C(S)R_2$ or -$C(O)R_2$ or cyano;

wherein R_1 is C(O)H, $C(O)(C_1\text{-}C_6$ alkyl), $C(O)(C_1\text{-}C_6$ alkylene)$(C_3\text{-}C_8$ cycloalkyl), $C(O)(C_3\text{-}C_8$ cycloalkylene)$(C_3\text{-}C_8$ cycloalkyl), $C(O)(C_1\text{-}C_6$ alkylene)$(C_4\text{-}C_8$ heterocycloalkyl), $-C(O)(C_3\text{-}C_8$ cycloalkylene)$(C_4\text{-}C_8$ heterocycloalkyl), $C_1\text{-}C_6$ alkyl, $C_3\text{-}C_8$ cycloalkyl, $C_4\text{-}C_8$ heterocycloalkyl, $-(C_1\text{-}C_6$ alkylene)$(C_3\text{-}C_8$ cycloalkyl), $-(C_3\text{-}C_8$ cycloalkylene)$(C_3\text{-}C_8$ cycloalkyl), $-(C_1\text{-}C_6$ alkylene)$(C_4\text{-}C_8$ heterocycloalkyl), $-(C_3\text{-}C_8$ cycloalkylene)$(C_4\text{-}C_8$ heterocycloalkyl), or –O-aryl, or $–O\text{-}(C_1\text{-}C_6$ alkylene)-aryl; wherein said aryl, $C_4\text{-}C_8$ heterocycloalkyl, $C_1\text{-}C_6$ alkyl, $C_3\text{-}C_8$ cycloalkyl, $C_3\text{-}C_8$ cycloalkylene, and $C_1\text{-}C_6$ alkylene groups may each independently be optionally substituted with from one to six fluoro and may each independently be optionally substituted with one or two substituents R_8 independently selected from the group consisting of $C_1\text{-}C_4$ alkyl, $-C_3\text{-}C_8$ cycloalkyl, hydroxy, fluoro, chloro, bromo, iodo, CF_3, $-O\text{-}(C_1\text{-}C_6$ alkyl), $-O\text{-}(C_3\text{-}C_5$ cycloalkyl), $-O\text{-}CO\text{-}(C_1\text{-}C_4$ alkyl), $-O\text{-}CO\text{-}NH(C_1\text{-}C_4$ alkyl), $-O\text{-}CO\text{-}N(R_{24})(R_{25})$, $-N(R_{24})(R_{25})$, $-S(C_1\text{-}C_4$ alkyl), $-S(C_3\text{-}C_5$ cycloalkyl), $-N(C_1\text{-}C_4$alkyl)$CO(C_1\text{-}C_4$ alkyl), $-NHCO(C_1\text{-}C_4$ alkyl), $-COO(C_1\text{-}C_4$ alkyl), $-CONH(C_1\text{-}C_4$ alkyl), $-CON(C_1\text{-}C_4$ alkyl)$(C_1\text{-}C_2$ alkyl), CN, NO_2, $-OSO_2(C_1\text{-}C_4$ alkyl), $S^+(C_1\text{-}C_6$ alkyl)$(C_1\text{-}C_2$ alkyl)I^-, $-SO(C_1\text{-}C_4$ alkyl) and $-SO_2(C_1\text{-}C_4$ alkyl); and wherein the $C_1\text{-}C_6$ alkyl, $C_1\text{-}C_6$ alkylene, $C_5\text{-}C_8$ cycloalkyl, $C_5\text{-}C_8$ cycloalkylene, and $C_5\text{-}C_8$ heterocycloalkyl moieties of R_1 may optionally independently contain from one to three double or triple bonds; and wherein the $C_1\text{-}C_4$ alkyl moieties and the $C_1\text{-}C_6$ alkyl moieties of R_8 can optionally independently be substituted with hydroxy, $C_1\text{-}C_4$ alkyl, amino, aryl, $-CH_2$-aryl, $-C_3\text{-}C_5$ cycloalkyl, or $–O\text{-}(C_1\text{-}C_4$ alkyl), and can optionally independently be substituted with from one to five fluoro, and can optionally contain one or two double or triple bonds; and wherein each heterocycloalkyl group of R_1 contains from one to three heteromoieties selected from oxygen, $S(O)_m$, nitrogen, and NR_{12};

wherein R_2 is hydrogen, $C_1\text{-}C_{12}$ alkyl, $C_3\text{-}C_8$ cycloalkyl, $C_4\text{-}C_8$ heterocycloalkyl, $-(C_1\text{-}C_6$ alkylene)$(C_3\text{-}C_8$ cycloalkyl), $-(C_3\text{-}C_8$ cycloalkylene)$(C_3\text{-}C_8$ cycloalkyl), $-(C_1\text{-}C_6$ alkylene)$(C_4\text{-}C_8$ heterocycloalkyl), $-(C_3\text{-}C_8$ cycloalkylene)$(C_4\text{-}C_8$ heterocycloalkyl), aryl, $–(C_1\text{-}C_6$ alkylene)aryl, or $-(C_3\text{-}C_8$ cycloalkylene)(aryl); wherein each of the foregoing R_2 groups may optionally be substituted with from one three substituents independently selected from chloro, fluoro, and $C_1\text{-}C_6$ alkyl, wherein one of said one to three substituents can further be selected from bromo, iodo, $C_1\text{-}C_6$ alkoxy, -OH, $-O\text{-}CO\text{-}(C_1\text{-}C_6$ alkyl), $-O\text{-}CO\text{-}N(C_1\text{-}C_4$ alkyl)$(C_1\text{-}C_2$ alkyl), $-S(C_1\text{-}C_6$ alkyl), $-S(O)(C_1\text{-}C_6$ alkyl), $-S(O)_2(C_1\text{-}C_6$ alkyl), $S^+(C_1\text{-}C_6$ alkyl)$(C_1\text{-}C_2$ alkyl)I^-, CN, and NO_2; and wherein the $C_1\text{-}C_{12}$ alkyl, $-(C_1\text{-}C_6$ alkylene), $-(C_5\text{-}C_8$ cycloalkyl), $-(C_5\text{-}C_8$ cycloalkylene), and $-(C_5\text{-}C_8$ heterocycloalkyl) moieties of R_2 may optionally independently contain from one to three double or triple bonds; and wherein each heterocycloalkyl group of R_2 contains from one to three heteromoieties selected from oxygen, $S(O)_m$, nitrogen, and NR_{12};

or where R_1 and R_2 are as in $-NHCHR_1R_2$, $-OCHR_1R_2$, $-SCHR_1R_2$, $-CHR_1R_2$ or $-NR_1R_2$, R_1 and R_2 of B may form a saturated 5- to 8-membered ring which may optionally contain one or two double bonds and in which one or two of the ring carbons may optionally be replaced by an oxygen, $S(O)_m$, nitrogen or NR_{12}; and which carbocyclic ring can optionally be substituted with from 1 to 3 substituents selected from the group consisting of hydroxy, C_1-C_4 alkyl, fluoro, chloro, bromo, iodo, CF_3, -O-(C_1-C_4 alkyl), -O-CO-(C_1-C_4 alkyl), -O-CO-NH(C_1-C_4 alkyl), -O-CO-N(C_1-C_4 alkyl)(C_1-C_2 alkyl), -NH(C_1-C_4 alkyl), -N(C_1-C_2 alkyl)(C_1-C_4 alkyl), -S(C_1-C_4 alkyl), -N(C_1-C_4 alkyl)CO(C_1-C_4 alkyl), -NHCO(C_1-C_4 alkyl),-COO(C_1-C_4 alkyl), -CONH(C_1-C_4 alkyl), -CON(C_1-C_4 alkyl)(C_1-C_2 alkyl), CN, NO_2, -OSO_2(C_1-C_4 alkyl), -SO(C_1-C_4 alkyl), and $-SO_2$(C_1-C_4 alkyl), wherein one of said one to three substituents can further be selected from phenyl;

wherein R_{11} is hydrogen, hydroxy, fluoro, ethoxy, or methoxy;

wherein R_{12} is hydrogen or C_1-C_4 alkyl;

with the proviso that when A is N then B" and R_4 are defined, respectively, as B" and R_4 are defined above and when A is CH or CCH_3, then B" is $-NR_1R_2$, ~~$-NHR_1R_2$~~, -$NHCHR_1R_2$, $-OCHR_1R_2$ or cyano and R_4 is an electron deficient group.

Claim 4 (currently amended) A compound according to claim 3, wherein B" is $-NR_1R_2$, ~~$-NHR_1R_2$~~, -$NHCHR_1R_2$, and A is CH or CCH_3.

Claims 5-8 (cancelled)

Claim 9 (previously presented) A compound according to claim 3 wherein the electron deficient group is selected from the group consisting of NO_2, -COO(C_1-C_4 alkyl), -C(=O)CH_3, -COOH and cyano.

Claim 10 (previously presented) 4-Chloro-2-(4-chloro-2,6-dimethyl-phenoxy)-3,6-dimethyl-pyridine.